

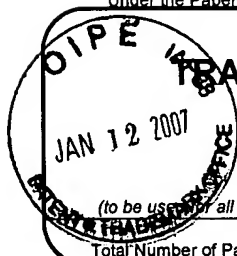
IFW

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/587,190
Filing Date	July 25, 2006
First Named Inventor	Wolf Peter Oettinger
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	710P001

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): -Form PTO-1449 -Copy of non US references cited - 19 -Copy of the European Search Report dated 5/13/05
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Niels & Lemack		
Signature			
Printed name	Kevin S. Lemack		
Date	January 8, 2006	Reg. No.	32,579

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Kevin S. Lemack	Date	January 8, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Wolf Peter Oettinger

Serial No. : 10/587,190

Filed : July 25, 2006

For : SYSTEM AND METHOD FOR RECORDING, TRANSMITTING AND  
ANALYZING DATA AND INFORMATION ACCRUED FROM  
ELECTROMAGNETIC RADIATION

Examiner : Not yet assigned

Art Unit : Not yet assigned

Confirmation No: Not yet assigned

Attorney  
Docket No. : 710P001

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:



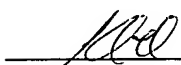
INFORMATION DISCLOSURE STATEMENT

The Examiner is respectfully requested to consider the document(s), which is/are listed on the attached form PTO 1449.

The relevance of some of the references cited are shown in the International Search Report filed herein on July 25, 2006, dated May 13, 2005, which indicates the degree of relevance found by the European Patent Office.

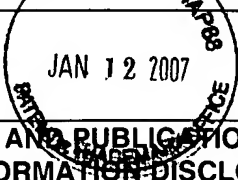
Copies of the non U.S. Patents listed on the attached form are enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 8, 2007**

  
\_\_\_\_\_  
Signature: **Kevin S. Lemack**  
Date: **January 8, 2007**

Respectfully submitted,

  
Kevin S. Lemack  
Attorney for Applicants  
Registration No. 32,579  
Niels & Lemack  
176 E. Main Street  
Westboro, MA 01581  
TEL: (508) 898-1818

FORM PTO-1449		ATTY. DOCKET NO.	SERIAL NO.
		710P001	10/587,190
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Wolf Peter Oettinger	
		FILING DATE	GROUP
		July 25, 2006	Not yet assigned

# REFERENCE DESIGNATION

# U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,246,367	6/2001	Markson Ralph J. et al.			
	AB	6,735,525	5/2004	Murphy Martin J.			

# FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	41 33 209	4/1993	Germany				X-SR
	BB	198 26 122	2/1999	Germany				X-SR

# OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	CA	Schulz W et al.: "Site-Error-Korrektur bei einem Blitzortungssystem mit magnetic-Direction-Findern"; 8038 E&I Elektrotechnik und Informationstechnik Vol. 110, no. 5, January 1993 (1993-01) pages 239-248, XP000361391
	CB	H.-D. Betz, et al.; "Total VLF/LF-Lightning and Pseudo 3D-Discrimination of Intra-Cloud and Cloud-to-Ground Discharges"; 18 <sup>th</sup> International Lightning Detection Conference; 7 June 2004; XP002326501; Ref. 33 ILDC 2004.
	CC	Diendorfer G et al.; "ALDIS-das Österreichische Blitzortungssystem" 8038 E&I Elektrotechnik Und Informationstechnik, Springer Verlag, Wien, AT, vol. 109, no. 5, January 1992, pages 261-266; XP000304331
	CD	Copy of the International Search Report dated 5/2005
	CE	Kawasaki, Z.-I. Et al. 91994), "SAFIR operation and evaluation of its performance", Geophys. Res. Lett. 21 (12), pages 1133 to 1136
	CF	Thery, C. (2001), "Evaluation of LPATS data using VHF interferometric observations of lightning flashes during the EULINOX experiment", Atmospheric research 56, pages 397 to 409.
	CG	Jacobson et al. (2000), "FORTE radio-frequency observations of lightning strokes detected by the National Lightning Detection Network", J. Geophys. Res. 105, pages 15653 to 15662.
	CH	Smith et al. (1999), "A distinct class of isolated intracloud lightning discharges and their associated radio emissions", J. Geophys. Res. 104, pages 4189 to 4212.
	CI	Krehbiel et al. (1999), "Three-dimensional lightning mapping observations during MEAPRS in central Oklahoma", 11 <sup>th</sup> Int. conf. On Atmosph. Electricity, NASA/CP, Alabama, June 1999, pages 376 to 379.
	CJ	Taylor (1978), "A VHF technique for space-time mapping of lightning discharge processes", J. Geophys. Res. 83, pages 3575 to 3583
	CK	Richard and Auffray (1985), "VHF-UHF interferometric measurements, applications to lightning discharge mapping", Radio science 20, pages 171 to 192
	CL	Rhodes et al. (1994), "Observations of lightning phenomena using radio interferometry", J. Geophys. Res. 99, pages 13059 to 13082.
	CM	Laroche et al. (1996), "3D structure of lightning discharge within storms", 10 <sup>th</sup> Int. Conf. Atmosph. Electricity, Osaka, June 10, 1996 to June 14, 1996, pages 330 to 332.
	CN	Onuki et al. (1996), "Imaging of lightning channel in three dimensions using interferometer", 10 <sup>th</sup> Int. Conf. Atmosph. Electricity, Osaka, June 10, 1996 to June 14, 1996, pages 325 to 328.
	CO	Richard and Lojou (1996), "Assessment of application of storm cell electrical activity monifotri8ng to intense precipitation forecast", 10 <sup>th</sup> Int. conf. Atmosph. Electricity, Osaka, June 10, 1996 to June 14, 1996, pages 284-287.
	CP	Orville, R.E. et al. (2002), "The North American Lightning detection Network (NLDN)-First results: 1998-2000", Monthly Weather Review 130 (8), pages 2098-2109.

	<b>CQ</b>		Diendorfer, et al. 91994), "Results of a performance analysis of the Austrian Lightning Location Network ALDIS", 22 <sup>nd</sup> Int. Conf. On Lightning Protection, Sept. 19-23, Budapest, Hungary
	<b>CR</b>		Defer, E. et al. (2000), "Simultaneous observations of CG activity from NALDN and ONERA-ITF interferometric mapper during the STERAO-A experiment", Int. Lightning Detection Conf., Nov. 7-8, Tucson, Arizona (Global Atmospherics Inc.).
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>
<b>EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <i>and</i> not considered. Include copy of this form with next communication to applicant.</b>			